PLEASE **AMEND** THE CLAIMS AS FOLLOWS:

1. (Original Claim) A state machine for an application manager that manages execution of an application in a digital television receiver environment, said state machine comprising:

a loaded state in which the application has been loaded;

a paused state in which the application is paused, the application being initialized to transition from said loaded state to said paused state;

an active state in which the application is executing, the application being started to transition from said paused state to said active state; and

a destroyed state in which the application is destroyed, the application being terminated to transition from either said active state or said paused state to said destroyed state.

2. (Original Claim) A state machine as recited in claim 1, wherein the application can transition from said loaded state to said destroyed state when the application is to be terminated while in said loaded state.

3. (Currently Amended) A state machine as recited in claim 2, wherein either of the application manager or the application can initiate the ~~transistion~~ transition to said destroyed state.

4. (Original Claim) A state machine as recited in claim 1, wherein the application can transition from said active state to said paused state when the application is to be paused.

5. (Currently Amended) A state machine as recited in claim 4, wherein either of the application manager or the application can initiate the ~~transistion~~ transition from said active state to said paused state.

6. (Original Claim) A state machine as recited in claim 1, wherein only the application manager initiates the transition from said paused state to said active state by starting the application.

7. (Original Claim) A state machine as recited in claim 1, wherein the states of said state machine together form an application lifecycle.

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8. (Original Claim) A computer program product for managing execution of an application according to an application lifecycle, the computer program product comprising:

a computer-readable medium storing computer-readable instructions thereon, the computer-readable instructions including:

instructions for loading the application such that the application enters a loaded state;

instructions for initializing the application when the application is in the loaded state such that the application enters a paused state;

instructions for starting execution of the application when the application is in the paused state such that the application enters an active state; and

instructions for terminating the execution of the application when the application is in the loaded state, the paused state, or the active state such that the application enters a destroyed state.

9. (Original Claim) The computer program product as recited in claim 8, further comprising:

instructions for pausing the application when the application is in the active state such that the application enters the paused state.

10. (Original Claim) The computer program product as recited in claim 8, wherein the instructions for starting execution of the application when the application is in the paused state cannot be called by the application.

11. (Original Claim) The computer program product as recited in claim 8, wherein the instructions for starting execution of the application when the application is in the paused state can only be called by a process that is external to the application.

12. (Original Claim) The computer program product as recited in claim 9, wherein the instructions for pausing the execution of the application when the application is in the active state can be called by the application or a process external to the application.

13. (Original Claim) The computer program product as recited in claim 8, wherein the instructions for terminating the application can be executed by the application or a process external to the application.

14. (Original Claim) A computer program product for managing execution of an application according to an application lifecycle, the computer program product comprising:

a computer-readable medium storing computer-readable instructions thereon, the computer-readable instructions including:

instructions for initializing an application such that the application enters a paused state;

instructions for starting execution of the application such that the application enters an active state;

instructions for pausing the execution of the application such that the application enters the paused state; and

instructions for terminating the application such that the application enters a destroyed state.

15. (Original Claim) A computer program product for managing execution of an application according to an application lifecycle, the computer program product comprising:

a computer-readable medium storing computer-readable instructions thereon, the computer-readable instructions including:

instructions for starting execution of the application such that the application enters an active state;

instructions for pausing the execution of the application such that the application enters the paused state;

instructions for conditionally terminating the execution of the application such that the application enters a destroyed state when a predetermined condition is satisfied; and

instructions for unconditionally terminating the execution of the application such that the application enters the destroyed state when the predetermined condition is not satisfied.

16. (Original Claim) The computer program product as recited in claim 15, wherein the predetermined condition is a signal received from the application.

17. (Original Claim) The computer program product as recited in claim 15, wherein the predetermined condition is an absence of a signal received from the application within a specified period of time.

18. (Original Claim) The computer program product as recited in claim 15, further comprising:

instructions for ignoring a state change exception raised by the application when the predetermined condition is not satisfied, the state change exception indicating that the application does not want to terminate.

19. (Currently Amended) A computer program product for managing execution of an application according to an application lifecycle, the computer program product comprising:

a computer-readable medium storing computer-readable instructions thereon, the computer-readable instructions including:

instructions for starting execution of the application such that the application enters an active state;

instructions for pausing the execution of the application such that the application enters the paused state;

instructions for terminating the application such that the application enters a destroyed state; and

an interface including a set of instructions that enable a process other than the application to initiate execution of the instructions for starting execution of the application, that enable a process other than the application or the application to initiate execution of the instructions for pausing the execution of the application, and that enable a process other than the application or the application to initiate execution of the instructions for terminating the application.

20. (Currently Amended) A computer program product for managing execution of an application according to an application lifecycle, the computer program product comprising:

a computer-readable medium storing computer-readable instructions thereon, the computer-readable instructions including:

instructions for starting execution of the application such that the application enters an active state;

instructions for pausing the execution of the application such that the application enters the paused state;

instructions for terminating the application such that the application enters a destroyed state; and

an interface including a set of instructions that enable a process other than the application to initiate execution of the instructions for starting execution of the application, the instructions for pausing the execution of the application, and the instructions for terminating the application

~~The computer program product as recited in claim 19~~, wherein the interface comprises a stub adapted for calling the instructions for terminating the application, the stub being capable of accepting a parameter indicating that termination of the application is unconditional when the parameter is in a first state and conditional when the parameter is in a second state.

21. (Original Claim) A computer program product for managing execution of an application according to an application lifecycle, the computer program product comprising:

a computer-readable medium storing computer-readable instructions thereon, the computer-readable instructions including:

instructions for communicating that the application has decided to terminate and has entered a destroyed state from a loaded state, a paused state, or an active state; and

instructions for communicating that the application has decided to pause its execution and has entered the paused state from the active state.

22. (Original Claim) The computer program product as recited in claim 21, further comprising:

instructions for communicating that the application wishes to resume execution and enter the active state from the paused state.

23. (Original Claim) The computer program product as recited in claim 21, further comprising:

instructions for obtaining information associated with a runtime environment of the application.

24. (Original Claim) The computer program product as recited in claim 21, further comprising:

an interface including a set of instructions that enable the application to initiate execution of the instructions for communicating that the application has decided to terminate and the instructions for communicating that the application has decided to pause its execution.

25. (Original Claim) The computer program product as recited in claim 22, further comprising:

an interface including a set of instructions that enable the application to initiate execution of the instructions for communicating that the application has decided to terminate, the instructions for communicating that the application has decided to pause its execution, and the instructions for communicating that the application wishes to resume execution and enter the active state from the paused state.

26. (Original Claim) A computer program product for managing execution of an application according to an application lifecycle, the computer program product comprising:

a computer-readable medium storing computer-readable instructions thereon, the computer-readable instructions including:

instructions for starting execution of the application such that the application enters an active state, wherein the instructions for starting execution of the application cannot be called by the application;

instructions for pausing the execution of the application such that the application enters a paused state; and

instructions for communicating that the application wishes to resume execution and enter the active state from the paused state.

27. (Original Claim) The computer program product as recited in claim 26, further comprising:

instructions for communicating that the application has decided to pause its execution and has entered the paused state from the active state.

28. (Original Claim) The computer program product as recited in claim 26, further comprising:

instructions for terminating the application such that the application enters a destroyed state.

29. (Original Claim) The computer program product as recited in claim 28, further comprising:

instructions for communicating that the application has decided to terminate and has entered the destroyed state.